

IN THE SPECIFICATION:

Following the last page of the specification as originally filed, please enter the accompanying Sequence Listing.

Please replace the third full paragraph on page 4 with the following:

01 This sequence was determined with the aid of a statistical study of 27 known amidation sites and led to definition of a given pattern of amino acids over 6 positions: Gly-Lys-Arg-Ser-Ala-Glu (SEQ ID NO:1).

On page 12, please replace section 1.2.1 "Establishing the sequences of the two oligonucleotides necessary for the PCR reaction", with the following:

1.2.1. Establishing the sequences of the two oligonucleotides necessary for the PCR reaction.

D2 One of these two nucleotides will contain the sequence complementary to that which codes for the amidation site for CCK, which site is known and has as the sequence Gly-Arg-Arg-Ser-Ala-Glu (SEQ ID NO:2). This oligonucleotide, which will be called *oligo CCK amide*, has as its nucleotide sequence:

5' CTCAGCACTGCGCCGGCC 3' (SEQ ID NO:3)

The second oligonucleotide, called *oligo CCK 5*, corresponds to the consensus signal sequence:

5' GTGTGTCTGTGCGTGGTG 3' (SEQ ID NO:4)

The size of the expected amplification product is 315 base pairs, which is the distance between the sequences corresponding to these two oligonucleotides on the precursor sequence of the CCK.

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On page 14, please replace section 1.5. "Result.", with the following:

1.5. Result.

The following crude sequence is obtained:

03
GTG TGT CTG TGC GTG GTG ATG GCA GTC CTG GCA GCA GGC GCC CTG GCG
CAG CCG GTA GTC CCT GTA GAA GCT GTG GAC CCT ATG GAG CAG CGG GCG
GAG GAG GCG CCC CGA AGG CAG CTG AGG GCT GTG CTC CGA CCG GAC AGC
GAG CCC CGA GCG CGC CTG GGC GCA CTG CTA GCC CGA TAC ATC CAG CAG
GTC CGC AAA GCT CCC TCT GGC CGC ATG TCC GTT CTT AAG AAC CTG CAG GGC
CTG GAC CCT AGC CAC AGG ATA AGT GAC CGG GAC TAC ATG GGC TGG ATG
GAT TTC GGC CGG CGC AGT GCT GAG (SEQ ID NO:5)

Translation of the sequence obtained into amino acids results in:

VCLCVVMAVLAAGALAQPVVPVEAVDPMEQRAEEAPRRQLRAVLRPDSEPRARLGAL
LARYIQQVRKAPSGRMSVLKNLQGLDPSHRISDRDYMGWMDFGRRSAE (SEQ ID
NO:6)

which enables the nucleotide sequence of the precursor of CCK (the sequence of which has been provided by the Swiss databank prot no. p01355) to be easily found.

Please replace the sequence on page 23 with the following:

D4

2351	AGATGCGTAA	GGAGAAAATA	CCGCATCAGG	CGAAATTGTA	AACGTTAATA
2401	TTTTGTAAA	ATTCGCGTTA	AATATTTGTT	AAATCAGCTC	ATTTTTTAAC
2451	CAATAGGCCG	AAATCGGCAA	AATCCCTTAT	AAATCAAAAG	AATAGACCGA
2501	GATAGGGTTG	AGTGTTGTTC	CAGTTTGGAA	CAAGAGTCCA	CTATTAAAGA
2551	ACGTGGACTC	CAACGTCAAA	GGGCGAAAAA	CCGTCTATCA	GGGCGATGGC
2601	CCACTACGTG	AACCATCACC	CAAATCAAGT	TTTTTGCGGT	CGAGGTGCCG
2651	TAAAGCTCTA	AATCGGAACC	CTAAAGGGAG	CCCCCGATTT	AGAGCTTGAC
2701	GGGGAAAGCC	GGCGAACGTG	GCGAGAAAGG	AAGGGAAGAA	AGCGAAAGGA
2751	GCGGGCGCTA	GGGCGCTGGC	AAGTG TAGCG	GTCACGCTGC	GCGTAACCAC
2801	CACACCCGCC	GCGCTTAATG	CGCCGCTACA	GGGCGCGTCC	ATTCGCCATT
2851	CAGGCTGCGC	AACTGTTGGG	AAGGGCGATC	GGTGCGGGCC	TCTTCGCTAT
2901	TACGCCAGCT	GGCGAAAGGG	GGATGTGCTG	CAAGGCGATT	AAGTTGGGTA
2951	ACGCCAGGGT	TTTCCCAGTC	ACGACGTTGT	AAAACGACGG	CCAGTGAATT
3001	GTAATACGAC	TCACTATA	(SEQ ID NO:7)		